

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rudolf KIENZLER
Serial No. : Not Yet Known
Filed : Herewith
For : LOCK PIN WITH PUSHBUTTON-OPERATED AXIAL
LOCKING AND FREE BEARING

Mail Stop Patent Application
Commissioner of Patents
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Sir:

PRELIMINARY AMENDMENT

Please delete Claims 1-9 and substitute new Claims 10-18,
as follows:

-- 10. (new): Lock pin with pushbutton-operated axial locking, comprising (a) a tubular body having radially outwards directed recesses; (b) an actuating plunger in said tubular body and axially displaceable under spring loading, (c) locking elements pointing in opposite directions which are mounted in said radially outwards directed recesses in the body and which are moved by pressure of said plunger, and (d) wherein the locking elements form a virtual, freely guided pivoting axis in a connection zone.

11. (new): Lock pin according to Claim 10, wherein the locking elements are rigid, inflexible bodies.

12. (new): Lock pin according to Claim 10, wherein the pivoting axis is freely guided between the locking elements and comprises a bearing shell positioned between the locking elements, into which the plunger engages.

13. (new): Lock pin according to Claim 10, wherein the freely guided pivoting axis is positioned between the locking elements and is a bearing plunger displaceably guided under spring loading, in which the two locking elements pivotably engage, each by a guide web.

14. (new): Lock pin according to Claim 13, wherein the locking element consists of a block-shaped or rectangular body on the underside of which the guide web, substantially in the shape of a quadrant, is formed which engages pivotably in a guide slot in the bearing plunger.

15. (new): Lock pin according to Claim 13, wherein the bearing plunger has an axial longitudinal guide in the lock pin.

16. (new): Lock pin according to Claim 10, wherein the bearing- axles of the locking elements are formed by substantially round pins formed on the inwards-facing ends of the locking elements and pivotably engaging in recesses in the bearing plunger displaceable under spring loading.

17. (new): Lock pin according to Claim 10, wherein the bearing- axles of the locking elements are formed by substantially round pins positioned parallel and spaced apart on